

<p>2000-492775/44</p> <p>EL2 G08 (E23)</p> <p>MTSUI CHEM INC</p> <p>1998.11.20 1998-330392(+1998JP-330392) (2000.06.06) G03G 9/08,</p> <p>C09K 3/00</p> <p>An absorber of infrared rays for a toner and a toner containing this absorber</p> <p>C2000-148334</p>	<p>MITA 1998.11.20</p> <p>*JP 2000155439-A</p>	<p>E(5-L2C, 5-L3B, 5-M, 5-N) G(6-G5)</p> <p>(1)</p> <p>R₁ through R₂₀ = H, halogen, optionally substituted alkyl, optionally substituted alkoxy, optionally substituted aryl, optionally substituted aryloxy, alkylamino, dialkylamino, arylamino, or diarylamino;</p> <p>M = a metal atom.</p> <p>USE</p> <p>This toner is intended for flash fixing.</p> <p>JP 2000155439-A+</p>
<p>NOVELTY</p> <p>An electrophotographic toner contains an absorber of infrared rays.</p>	<p>DETAILED DESCRIPTION</p> <p>The absorber is of formula (1).</p>	

ADVANTAGE

High efficiency of optical energy absorption and light/heat conversion is attained. This toner has excellent toner fixing property.

EXAMPLE

The amount of the absorber to add is 0.01 - 50 wt% per the binding resin. The binding resin typically includes polystyrene, polyester, epoxy, polyamide, and phenol.

DEFINITIONS

Preferred Definitions: In formula (1),

R₁ through R₂₀ = H, alkyl, or alkoxy, respectively. M is Ni, Pd, Pt, or Cu.

(7pp074DwgNo.0/0)

JP 2000155439-A